

# Andrew Allyn

SENIOR RESEARCH MANAGER - GULF OF MAINE RESEARCH INSTITUTE

✉ [andrew.allyn@gmail.com](mailto:andrew.allyn@gmail.com) | 🏠 [aallyn.github.io](https://aallyn.github.io) | 📺 [aallyn](https://www.youtube.com/channel/UC83333333333333333333)

About me text.

## Education

### University of Massachusetts Amherst

PHD MARINE SCIENCE AND TECHNOLOGY

Amherst, MA

2012-2024

### University of Massachusetts Amherst

MSC WILDLIFE AND FISHERIES CONSERVATION

Amherst, MA

2008-2012

### Connecticut College

BA ENGLISH

New London, CT

2003-2007

## Publications

16. Lewis, ASL., Rollinson, CR., **Allyn, A.**, Ashander, J., Brodie, S., Brookson, CB., & ... (2023). The power of forecasts to advance ecological theory. *Methods in Ecology and Evolution*. 14 (3), 746-756
15. Braun, CD., Lezama-Ochoa, N., Farchadi, N., Arostegui, MC., Alexander, M., & ... (2023). Widespread habitat loss and redistribution of marine top predators in a changing ocean. *Science Advances*. 9 (32), eadi2718
14. Braun, CD., Arostegui, MC., Farchadi, N., Alexander, M., Afonso, P., **Allyn, A.**, & ... (2023). Building use-inspired species distribution models: Using multiple data types to examine and improve model performance. *Ecological Applications*. 33 (6), e2893
13. **Allyn, A.**, Alexander, MA., Franklin, BS., Massiot-Granier, F., Pershing, AJ., & ... (2020). Comparing and synthesizing quantitative distribution models and qualitative vulnerability assessments to project marine species distributions under climate change. *PLoS One*. 15 (4), e0231595
12. Kong, S., Bai, J., Lee, JH., Chen, D., **Allyn, A.**, Stuart, M., Pinsky, M., Mills, K., & ... (2020). Deep hurdle networks for zero-inflated multi-target regression: Application to multiple species abundance estimation. *arXiv preprint arXiv:2010.16040*
11. Staudinger, MD., Mills, KE., Stamieszkin, K., Record, NR., Hudak, CA., **Allyn, A.**, & ... (2019). It's about time: A synthesis of changing phenology in the Gulf of Maine ecosystem. *Fisheries Oceanography*. 28 (5), 532-566
10. Schuetz, JG., Mills, KE., **Allyn, A.**, Stamieszkin, K., Bris, AL., & Pershing, AJ. (2019). Complex patterns of temperature sensitivity, not ecological traits, dictate diverse species responses to climate change. *Ecography*. 42 (1), 111-124
9. Bris, A Le., Mills, KE., Wahle, RA., Chen, Y., Alexander, MA., **Allyn, A.**, & ... (2018). Climate vulnerability and resilience in the most valuable North American fishery. *Proceedings of the National Academy of Sciences*. 115 (8), 1831-1836
8. Powers, RA., K.D., Wiley, D.N., **Allyn, A.J.**, Welch, & Ronconi, L.J. &. (2017). Movements and foraging habitats of great shearwaters *Puffinus gravis* in the Gulf of Maine. *Marine Ecology Progress Series*.
7. **Allyn, A.**, McKnight, A., McGarigal, K., Griffin, CR., Kuletz, KJ., Cushing, DA., & ... (2015). Assessing a paired logistic regression model of presence-only data to map important habitat areas of the rare Kittlitz's Murrelet *Brachyramphus brevirostris*. *Marine Ornithology*. 43, 65-76
6. McKnight, A., **Allyn, A.**, Duffy, DC., & Irons, DB. (2013). 'Stepping stone' pattern in Pacific Arctic tern migration reveals the importance of upwelling areas. *Marine Ecology Progress Series*. 491, 253-264
5. Kuletz, KJ., Nations, CS., Manly, B., **Allyn, A.**, Irons, DB., & McKnight, A. (2013). *Brachyramphus murrelet* trends and the Prince William Sound, Alaska, surveys: A response to Hodges and Kirchhoff. *Marine Ornithology*. 41, 69-71
4. **Allyn, A.**, McKnight, A., McGarigal, K., Griffin, CR., Kuletz, KJ., & Irons, DB. (2012). Relationships among Kittlitz's murrelet habitat use, temperature-depth profiles, and landscape features in Prince William Sound, Alaska, USA. *Marine Ecology Progress Series*. 466, 233-247
3. **Allyn, A.** (2012). Population Size, Habitat Use and Diet of Kittlitz's Murrelets in Prince William Sound, Alaska. Masters Thesis. *University of Massachusetts Amherst*. <https://doi.org/10.7275/2406354/>

2. McKnight, A., Irons, DB., **Allyn, A.**, Sullivan, KM., & Suryan, RM. (2011). Winter dispersal and activity patterns of post-breeding black-legged kittiwakes *Rissa tridactyla* from Prince William Sound, Alaska. *Marine Ecology Progress Series*. 442, 241-253

1. Kuletz, K.J., Nations, CS., Manly, B., **Allyn, A.**, Irons, DB., & McKnight, A. (2011). Distribution, abundance and population trends of the Kittlitz's Murrelet *Brachyramphus brevirostris* in Prince William Sound, Alaska. *Marine Ornithology*. 39, 97-109

“{r ScientificImpactFigure, echo = FALSE, fig.height=3, fig.width=10, out.width=fig.align=“center”, eval = !short}\_\_\_\_\_

source("../files/make\_data\_impact.R")\_\_\_\_\_

plot\_impact(data\_scholar)\_\_\_\_\_

table\_impact(data\_scholar, author.name = author.name, scholar.profile = scholar.profile)\_\_\_\_\_

““\_\_\_\_\_

## Research Grants\_\_\_\_\_

### Francisco J. Varela Research Grant (Mind & Life Institute) — PI

USD \$20,000

TRANSFORMING HABITS FROM THE HEART: FROM GOOD INTENTIONS TO RELIABLE PROSOCIAL RESPONSE

2019 - 2022

## Recognitions And Awards\_\_\_\_\_

2023	Bourse Adrien-Pinard en psychologie - Doctorat .....	\$4,000
2023	International Mobility Award - Offices jeunesse internationaux du Québec (LOJIQ) .....	\$750
2023	International Mobility Award - Ministère de l'Éducation, de l'Enseignement supérieur (MEES) .....	\$5,600
2023	Prix reconnaissance de l'implication étudiante (UQAM) - Personnalités 2e et 3e cycles .....	\$1,500
2023	Prix reconnaissance de l'implication étudiante (UQAM) - Projet, Volet Santé et saines habitudes de vie ..	\$1,000
2023	Society for Improving Psychological Science (SIPS) Mission Award, given to the easystats project .....	\$0
2023	Bourse de la Fondation J.A. DeSève - Doctorat .....	\$5,500
2023	Prix du mérite UQAM - Relève étudiante (doctorat) .....	\$1,000
2023	Bourse d'engagement du Syndicat des professeures et professeurs de l'UQAM (SPUQ) - Doctorat .....	\$4,000
2022	Bourse Desjardins, catégorie Coup de pouce – Persévérance scolaire .....	\$500
2022	Prix de la meilleure présentation orale étudiante au 22e colloque de l'ASMC .....	\$100
2022	Bourse d'aide à la participation à des rencontres scientifiques (UQAM + AGEPSY-CS) .....	\$850
2022	Prix reconnaissance de l'implication étudiante (UQAM) - Projet, Volet Santé et saines habitudes de vie ..	\$1,000
2022	Prix Relève étoile Paul-Gérin-Lajoie, for best paper (FRQSC) .....	\$1,000
2021	Bourse d'implication Desjardins, for student involvement .....	\$2,000
2021	Finalist (< 6% of applicants) for the Pierre Elliott Trudeau Scholarship (valued at \$180,000) .....	\$0
2021	Bourse d'excellence de l'Institut des sciences cognitives (UQAM) .....	\$2,000
2019	McGill Department of Psychiatry Travel Award .....	\$485
2019	Storytellers public speaking contest Finalist (SSHRC) .....	\$3,000
2018-2021	Joseph-Armand Bombardier Canada Graduate Scholarship-Doctoral (SSHRC) .....	\$105,000
2018-2021	Fonds de recherche du Québec - Société et culture-Doctoral — Declined .....	(\$84,000)
2017-2018	Joseph-Armand Bombardier Canada Graduate Scholarship-Master's (SSHRC) .....	\$17,500
2017-2018	Fonds de recherche du Québec - Société et culture-Master's — Declined .....	(\$15,000)
2016-2017	Graduate Excellence Fellowship in Mental Health Research .....	\$10,000
2015	Faculty of Arts Research Internship Award .....	\$4,000
2013	Je prends ma place Laureate, for citizen engagement (Québec Government) .....	\$1,000
2013	Forces Avenir Laureate – College, Committed Student .....	\$2,500
2012	Bourse Coopérative-Odyssée, for student engagement .....	\$750
2011	Bourse Édouard-Montpetit-Desjardins, for student engagement .....	\$750
2011-2022	Total Amount Offered .....	\$274,785

## Preprints

---

- Thériault, R.**, Ben-Shachar, M. S., Patil, I., Lüdecke, D., Wiernik, B. M., & Makowski, D. (2023). Check your outliers! An introduction to identifying statistical outliers in R with *easystats*. *PsyArXiv*, 1-9. <https://doi.org/10.31234/osf.io/bu6nt>
- Makowski, D., Patil, I., Ben-Shachar, M. S., Wiernik, B. M., Bacher, E., Lüdecke, D., & **Thériault, R.** (2023). report: Automated reporting of results and statistical models in R. [https://remi-theriault.com/preprints/makowski\\_et\\_al\\_2023.pdf](https://remi-theriault.com/preprints/makowski_et_al_2023.pdf)
- Thériault, R.** (2023). L'importance de la science ouverte en recherche en psychologie. <https://doi.org/10.31234/osf.io/758dx>

## Non-Peer-Reviewed Publications

---

- Thériault, R.** (2023). Bonnes pratiques et science ouverte : Un document d'accompagnement au PRD. [https://remi-theriault.com/files/science\\_ouverte2023.pdf](https://remi-theriault.com/files/science_ouverte2023.pdf)
- Thériault, R.**, Masson, R., & Dandeneau, S. (in preparation). Is the Mind More Powerful Than the Heart? A Randomized Controlled Trial of Two Loving-Kindness Interventions.
- Thériault, R.**, Dandeneau, S., & Baldwin, M. (in preparation). All in a smiling face: The attentional benefits of dynamic attention training for low self-esteem individuals.
- Thériault, R.**, Landry, M., Mattuck, S., and Raz, A. (in preparation). The Rubber Hand Illusion: Does cognitive load affect EEG & electrodermal activity?
- Thériault, R.**, Corber, L., MacLean, C. W., Napoleon, J.-S., Olson, J., Turkakin, E., & Raz, A. (in preparation). Suggestion affects subjective breathlessness but not objective pulmonary function.
- Thériault, R.** (2018). *Comparing the effects of mental and embodied perspective-taking* (Master's thesis). McGill University, Montréal, Québec, Canada.
- Thériault, R.** (2016). *Exploring cognitive dimensions of body ownership* (Bachelor's thesis). McGill University, Montréal, Québec, Canada.
- Thériault, R.**, Baron, A., & Cowell, B. (2012). *Comment les activités artistiques peuvent développer l'estime de soi chez les jeunes marginalisés : une intervention en cirque social à la maison des jeunes Kekpart* (Collegial thesis). Cégep Édouard-Montpetit, Longueuil, Québec, Canada.

## Invited Talks

---

- Thériault, R.\***, Quilico, E.\*, Tétéault, F.\*, Labossière, S.\*, Boudreau, S.\* (2020, May 13; \*all panelists contributed equally). Workshop with the SSHRC's Storytellers finalists: an opportunity to learn about and practice the art of presenting (Atelier avec les finalistes du concours CRSH – J'ai une histoire à raconter : une occasion d'apprendre et pratiquer l'art de la présentation). Panel organized by the *Centre for Interdisciplinary Research in Rehabilitation of Greater Montreal (CRIR)*. Presentation available from: <https://youtu.be/8Vfn0jnon30?t=4288>.
- Thériault, R.**, Dennie, A., Djehounke, L., Light, E., Chamberlain, C. W., Krol, S., Olson, J., & Raz, A. (2019, January 15). Immersive embodiment experiences improve intergroup relations, empathy, self-other overlap, and prejudice. Online webinar for the *Student Speaker Series* of the *Student Division of the International Positive Psychology Association*. Presentation available from: <https://vimeo.com/user68157211/review/378278530/8d86f3cb33>.
- Thériault, R.**, Dennie, A., Djehounke, L., Light, E., Chamberlain, C. W., Krol, S., Olson, J., & Raz, A. (2018, October 25). Virtual-reality-based immersive embodiment experiences increase empathy, reduce prejudice. Oral presentation for the *Institute for Interdisciplinary Brain and Behavioral Science* in Orange, California.
- Thériault, R.**, & Raz, A. (2016, December 8). Diagnosing asthma across Canada: question marks... and exclamation points! Oral presentation for the *Chronic Diseases Seminar* for the *Research Center of the Hôpital Sacré-Coeur de Montréal, QC*.
- Thériault, R.** (2016, October 19). Vers un changement constructif dans les communautés autochtones : une perspective de psychologie sociale. Oral presentation for the *Wampum Center* at the *Native Friendship Center of Montreal, QC*.

## Conference Talks

---

- Thériault, R.**, Dion-Cliche, F., & Dandeneau, S. (2022, June 18). Fear of negative evaluation moderates the effect of social inclusion and social feedback on fundamental needs. Talk presented at the *2022 CPA Annual National Convention* in Calgary, AB.
- Thériault, R.**, Masson, R., Archambault, M., & Dandeneau, S. (2022, June 9). La méditation d'amour-bienveillant augmente-t-elle les comportements de don? Talk presented at the *22e congrès de L'Association scientifique pour la modification du comportement : Bienveillance et résilience : les visages de l'adaptation* in Montréal, QC.
- Thériault, R.**, Masson, R., Archambault, M., & Dandeneau, S. (2022, June 16-20). Does loving-kindness meditation increase giving behaviors? Talk presented at the *Tenth SELF International Conference* in Québec city, QC (virtual conference because of COVID).
- Thériault, R.** (2019, June 3). Réduire les préjugés et augmenter l'empathie via la réalité virtuelle. Talk presented at the *2019 Congress of the Humanities and Social Sciences* in Vancouver, BC.
- Thériault, R.**, Corber, L., MacLean, C. W., Napoleon, J.-S., Olson, J. A., & Raz, A. (2018, August 24). Can suggestion affect pulmonary function in children with suspected asthma? Talk presented at the *21<sup>st</sup> World Congress of Medical and Clinical Hypnosis* in Montréal, QC.
- Dennie, A., Djehounke, L., Light, E., Chamberlain, C. W., **Thériault, R.**, Krol, S., Olson, J., & Raz, A. (2018, June 5). Walking a mile in another's shoes: Can virtual reality decrease prejudice? Conference talk presented by first author at the *Research Day of the Douglas Hospital Research Centre and McGill Department of Psychiatry* in Montréal, QC.
- Thériault, R.**, Krol, S., & Raz, A. (2017, July 14). Investigating the effects of mental versus embodied perspective-taking on prejudice. Talk presented at the *5<sup>th</sup> World Congress on Positive Psychology* in Montréal, QC.
- Thériault, R.**, Landry, M., Mattuck, S., & Raz, A. (2017, June 2). The Rubber Hand Illusion: Does load affect EEG & electrodermal activity? Talk presented at the

Lifshitz, M., Sheiner, E., Olson, J., **Thériault, R.**, & Raz, A. (2016, October 6). On suggestibility and placebo. Conference talk presented by first author at the 67<sup>th</sup> meeting of the Society for Clinical and Experimental Hypnosis in Boston, MA.

## Conference Poster Presentations

---

Chabot, B., **Thériault, R.**, Doucerain, M. (2023, July 23-27). *Diversity and Immigration: How Montrealers Feel about Different Cultural Groups*. Poster session presented by first author at the Biennial Conference of the International Academy for Intercultural Research in Philadelphia, Pennsylvania, USA.

Chabot, B., **Thériault, R.**, Doucerain, M. (2023, May 27). *Le sentiment des Montréalais envers différents groupes culturels*. Poster session presented by first author at the 45<sup>e</sup> congrès annuel de la société québécoise pour la recherche en psychologie in Sherbrooke, QC.

Masson, R., **Thériault, R.**, Archambault, M., & Dandeneau, S. (2021, July). *Can loving-kindness meditation reduce aggressivity? A randomized controlled trial*. Poster session presented by first author at the 7<sup>th</sup> World Congress on Positive Psychology in Vancouver, BC (virtual conference because of COVID).

Masson, R., **Thériault, R.**, Archambault, M., & Dandeneau, S. (2021, June). *Can prosocial attitudes and behaviors be positively influenced by aggression and subjective fatigue?* Poster session presented by first author at the Canadian Psychology Association's 82<sup>nd</sup> Annual National Convention, Ottawa, ON (virtual conference because of COVID).

Masson, R., **Thériault, R.**, Archambault, M., & Dandeneau, S. (2021, April 28-May 7). *L'agressivité et la fatigue cognitive peuvent-elles mener à de plus grands comportements d'aide et de don?* Poster session presented by first author at the 88<sup>th</sup> Congress of ACFAS—l'Association francophone pour le savoir (virtual conference because of COVID).

Bold, J., **Thériault, R.**, Olson, J., Stain, A., Curry, D., & Raz, A. (2020, February 29). Replicating the body swap in a different sample: Preliminary data. Poster session presented by first author at the Society for Personality and Social Psychology Annual Convention in New Orleans, Louisiana, USA.

**Thériault, R.**, Dandeneau, S., & Baldwin, M. (2019, July 20). All in a smiling face: The attentional benefits of dynamic attention training for low self-esteem individuals. Poster session presented at the 6<sup>th</sup> World Congress on Positive Psychology in Melbourne, Australia.

**Thériault, R.**, & Dandeneau, S. (2019, June 12). Trait self-control moderates the effects of priming mindfulness on aggressive behaviour. Poster session presented at the Mind & Life Summer Research Institute in Garrison, New York, USA.

**Thériault, R.**, Dennie, A., Djehounke, L., Light, E., Chamberlain, C. W., Krol, S., Olson, J., & Raz, A. (2018, June 6). Being one with diversity through perspective-taking: Mind or body to increase prosocial feelings? Poster session presented at the Mind & Life Summer Research Institute in Garrison, New York, USA.

Dennie, A., Djehounke, L., Light, E., Chamberlain, C. W., **Thériault, R.**, Krol, S., Olson, J. A., & Raz, A. (2018, June 5). Walking a mile in another's shoes: Can virtual reality decrease prejudice? Poster session presented by first three authors at the Research Day of the Douglas Hospital Research Centre and McGill Department of Psychiatry in Montréal, QC.

**Thériault, R.**, Dennie, A., Djehounke, L., Light, E., Chamberlain, C. W., Krol, S., Olson, J., & Raz, A. (2018, May 24-25). Comparing two interventions to reduce prejudice and increase empathy. Poster session presented at the 4<sup>th</sup> Canadian Conference on Positive Psychology in Toronto, ON.

**Thériault, R.**, Landry, M., Mattuck, S., & Raz, A. (2017, June 2). The Rubber Hand Illusion: Does load affect EEG & electrodermal activity? Poster session presented at the Research Day of the Douglas Hospital Research Centre and McGill Department of Psychiatry in Montréal, QC.

**Thériault, R.**, Landry, M., Mattuck, S., & Raz, A. (2017, May 12). The impact of load on electrodermal activity during the Rubber Hand Illusion. Poster session presented at the 8<sup>th</sup> Annual LDI Scientific Retreat in Montréal, QC.

Mattuck, S., **Thériault, R.**, Landry, M., & Raz, A. (2017, April 17). Exploring the influence of cognitive resources on body ownership. Poster session presented by first author at the Psychology Undergraduate Research Day at McGill University in Montréal, QC.

**Thériault, R.**, Landry, M., & Raz, A. (2016, April 15). Exploring the effects of cognitive load and task instructions in the Rubber Hand Illusion. Poster session presented at the Psychology Undergraduate Research Day at McGill University in Montréal, QC.

**Thériault, R.**, Landry, M., & Raz, A. (2016, January 19). Exploring cognitive aspects of body ownership. Poster session presented at the 6<sup>th</sup> Annual Faculty of Arts Undergraduate Research Event at McGill University in Montréal, QC.

## Academic Service

---

**Core team member** of *easystats* (seven members; official start date: 2022-08). The *easystats* project aims to increase the adoption of good statistical practices through open science tools, for example through a collection of R packages that provide a unifying and consistent framework around statistics. This responsibility involves writing code to improve the various R packages associated with the project and participating in the general decision-making. At this time, the *easystats* packages have collectively been downloaded over 12 millions times. Available from: <https://easystats.github.io/easystats/>

**Reviewer** for the XXI World Congress of Medical and Clinical Hypnosis, organized by the International Society of Hypnosis and the Société Québécoise d'Hypnose, August 22-25, 2018, Montréal.

**Reviewer** for scientific journals (total of 11): *Group Processes and Intergroup Relations* (1), *Psychology of Consciousness: Theory, Research, and Practice* (7), *International Journal of Mental Health Promotion* (1), *Scientific Reports* (1), *Journal of Statistical Software* (1). See the "Peer Review" tab (and purple "Open dashboard" button on the right) at: <https://www.webofscience.com/wos/author/record/AAC-6100-2022>

Peer Review Metrics

10  
Verified Peer  
Reviews  
Median: 4  
74th percentile

9  
Verified Peer  
Reviews (Last 12  
Months)  
Median: 1  
94th percentile

1.3:1  
Peer Review to  
Publication Ratio  
Median: 0.3:1

Average Review Length

